

Parent Effort Scale Score Sheet

Obtain a raw score for each of the subscales by adding the scores for each item in that subscale. Each item is scored from 1 to 5 (None = 1, A Little = 2, Some = 3, A Lot = 4, Too Much to Participate = 5). **The responses for the importance/meaningful section are not scored**, but can help clinicians to prioritize areas for intervention. The subscales allow us to interpret amount of effort in these areas for target intervention and strategy development.

Scoring Worksheet:

Step 1: Sum raw scores for each Subscale. Convert to standard scores using the Conversion Chart on next page. Sum Standard Scores.

Subscale:	ITEM NUMBERS							Raw Score	Standard Score
Dressing	1	2	3						
Hygiene	4	5	6	9					
Sleep	10	11							
Home Social	12	13	14	15					
HealthCare	23	24							
Community	17	18	19	20	21	22	25		
	26	27	28	29	32	33	34		
Sum of Standard Scores:									

CONVERSION CHART									
Dressing		Hygiene		Sleep		Home Social		Health Care	
SUM	Standard Score	SUM	Standard Score	SUM	Standard Score	SUM	Standard Score	SUM	Standard Score
3	5.27	4	4.00	2	6.60	4	6.23	2	5.18
4	7.22	5	5.48	3	8.80	5	8.02	3	7.26
5	8.45	6	6.32	4	10.00	6	9.21	4	8.45
6	9.47	7	7.31	5	10.97	7	9.83	5	9.57
7	10.25	8	8.11	6	11.93	8	10.25	6	10.44
8	11.14	9	8.76	7	12.99	9	10.60	7	11.44
9	11.91	10	9.24	8	14.08	10	11.37	8	12.81
10	12.73	11	10.02	9	15.45	11	11.91	9	14.32
11	13.70	12	10.58	10	17.05	12	12.16	10	16.42
12	14.72	13	11.39			13	13.04		
13	15.85	14	12.18			14	13.60		
14	17.33	15	12.87			15	13.87		
15	18.69	16	13.29			16	14.49		
		17	14.43			17	15.76		
		18	15.09			18	16.36		
		19	16.18			19	17.85		
		20	17.59			20	18.50		
Community									
SUM	Standard Score	SUM	Standard Score	SUM	Standard Score	SUM	Standard Score	SUM	Standard Score
14	3.50	26	8.00	38	10.40	50	12.47	62	16.75
15	4.07	27	8.07	39	10.60	51	12.56	63	15.92
16	5.14	28	8.34	40	10.77	52	13.15	64	16.00
17	5.61	29	8.63	41	11.09	53	13.59	65	16.21
18	5.76	30	9.27	42	11.71	54	13.75	66	16.51
19	5.87	31	9.47	43	11.88	55	14.00	67	16.69
20	6.04	32	9.76	44	11.89	56	14.08	68	18.11
21	6.63	33	9.80	45	12.01	57	14.15	69	18.75
22	6.97	34	9.90	46	12.03	58	14.35	70	19.36
23	7.34	35	10.00	47	12.12	59	14.65		
24	7.71	36	10.10	48	12.24	60	15.00		
25	7.75	37	10.20	49	12.30	61	15.61		

*Items 7, 8, 16, 30, 31 are not included in the items of the subscales or total score. These items may provide additional information to guide intervention planning.

**The responses for the importance/meaningful section are not scored, but will help clinicians to prioritize areas for intervention.

Step 2: Convert Sum for standardized Score to Total Standardized Score using the worksheet provided

$$\left(\begin{array}{c} \text{Sum of Standard} \\ \text{Scores} \end{array} - 59.85 \right) \div 13.72 = \begin{array}{c} \text{PES Total} \\ \text{Standardized} \\ \text{score} \end{array}$$

$$\left(\begin{array}{c} \text{PES Total} \\ \text{Standardized} \\ \text{Score} \end{array} \times 10 \right) + 50 = \begin{array}{c} \text{PES Score} \end{array}$$

PES Score Interpretation Guide

PES Score	Interpretation
Score of 55 and below	Typical/Minimal amount of parental effort needed to support participation.
Score of 56-65	Moderate/Significant amount of parental effort needed to support participation.
Score of 66 and above	Substantial amount of parental effort needed to support participation.

Raw scores are converted to Standardized scores for the purposes of interpreting results. T-scores are type of standardized score that represents the sample used for standardization. A T-score of 50 represents the mean. For each PES subscale, theta scores were calculated for each respondent using Bayesian Expected A Posteriori (EAP) estimation, which uses an individual's pattern of responses and item response theory parameters (derived from this sample) to estimate standardized theta scores. High scores on the *Parent Effort Scale* indicate a higher level of parental effort needed to support their child to participate in home and community-based activities. Based on this, results of a T-scores of 56 or higher suggests that there is a moderate to significant amount of parent effort needed to support participation of the child. A T-score of 66 or higher suggests that there is substantial parent effort needed to support participation.

The standardized scales were established based on PES responses from 304 parents of children ages 2-7 years. It is important to note that the sample used to develop the PES was comprised of both children (ages 2-7 years) with ASD (n = 167, 55%) and children without ASD (n = 137; 45%). The parents of children with ASD and boys were overrepresented in this sample.